

NETWORK RELAY APPARATUS AND METHOD OF COMBINING PACKETS

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ABSTRACT OF THE DISCLOSURE

10 Network load is reduced by combining packets by
considering the MTU of a transmission path. When a
routing processing unit detects the transmission of a
large number of packets addressed to the same destination
network, a routing information gathering unit determines
the MTU of a transmission path along which the packets
are to be transmitted. A combining unit assembles a
15 combined packet by combining packets up to a length that
does not exceed the MTU of the transmission path, and
sends out the combined packet.